# What You Want to Know About Your Auto and How To Drive It and Keep It

Expert Advice How to Keep Automobiles Running Smoothly and the Best Way to Romedy Machine Troubles Traffic Suggestions and Pleasure Routes for Evening World Roaders.

By GEORGE M. ROBERTSON.



GEO H ROBERTSON.

will deal with the upheep of the motor. Every year mon? ragines find their way to the scrap heap because of the operator's fallure to take the proper care of them. Every owner of a car about theroughly understand the points I will take up, from week to week. This week, the cause of motor knocks.

URING the next few weeks

Motor knocks are due to many rauses which the average operator does not consider Piret, the ignition may be set too far ahead, thus causing what is commonly known as an ignition knock. If the coma compression knock. If the spark ments to their lobbies in Albany.

pending upon the ratio of the gearing. Usually on a rough road the
steering wheel must be moved constantly because of the throwing of
the front wheels. On smooth pavement you do not get this.
Automobile Editor:

Automobile Editor:
Can electric lights be installed on a Ford, taking the current from the magneto, without injuring or weakening the spark system? Car starts

on a quarter turn on magneto at present. Where do you break into system for current? Is a generator for electric lights suitable for light-

ing purposes? Can a person drive a car without a chauffeur's license if he is not driving for pay? Can any member of the family drive a car registered in father's name?

ily or a friend by the owner.

bring results.

Leave New York by Broadway to Yonkers, Hastings, Dobbs Ferry, Peekskill to Poughkeepsie. The dis-tance is seventy-two miles.

pre-ignition due to the incandescent properties of the carbon. If the piston head is too thin, a metallic knock will occur. Where the welfare is being menaced by the evathe piston head is too thin, a metallic knock will occur. Where the welfare is being menaced by the evasoult. Loosely fitted bearings, either wrist pin, connecting rod or main personalty and \$2,000,000,000 up-State

making a metallic knock. A poor fuel mixture will tend to create a pound.

If the fly wheel is not set securely on the crankshaft it will work loose on he bolts and cause a disagreeable knock.

ater or from running on a slow gear for too long a period it will bring

utomobile Editor

#### ANSWERS TO LETTERS.

I have a four-cylinder seven-pas-senger 1907 Packard. Giving it gas to speed the motor causes a loud knock. When the motor is running fdle with the spark retarded there is no sound of a knock. Would you ad vise me to have the car overhauled?

Also, when I am driving a long distance the grease drips from my rear axis on the shoe right side only. Will you also let me know the best route and distance from New York to Lake-wood, N. J.? MATHEW H. WHITE.

MATHEW H. WHITE.

I believe that the motor should be taken down and thoreughly cleaned, the valves ground and reset and the ignition set properly. The Packard Company or any good repair shop will do, this work for you. You probably need new felt washers in the right side of the transmission.

To reach Lakswood cross Weehawken ferry at Forty-second street to-Mudson County Boulevard, then to Newark, Rahway, Perth Amboy, Seuth Amboy, Keyport, Mattawan, Freshold, Adeir a to Lakswood. The distance is five miles.

I have ... Ford and have trouble in purposes? Can a car without a chauff not touch any part of the coil without receiving a shock, if I touch metal with my other hand. The engine runs registered in father's registered in father registered in father's registered in father's registered in father all right at high speed, but when starting and running slow it will miss and back fire through carbureter. I have put on new timers and looked ever the wiring with no results J. READ.

Would advise you to take the coil to an expert coil man and have him look over it. There is undoubtedly a short circuit within the coil, and this. f course, requires immediate atten-

When I crank my car (Ford) it Automobile Editor starts to move forward. Can you advise me of the trouble?

ARTHUR TULLOCK.

Some time ago I asked you about heritance Tax Law and Mortg two-heritance Tax Law and Mortg fax Law, averaging \$4,000,000.

You will probably find that the set exactly as per your instructions set exactly as per your instructions. The reason that the car moves forward is because the bands of the transmission are dragging and are not thrown off enough by the emergency brake. Adjust this so that both the low and high speed bands are fr when the emergency brake is in a ca in position.

Speed Flanders. The timing is now set exactly as per your instructions and the motor runs fine, but on meeting a hill my power gets very weak. Gas mixtures don't seem to help any. Valves, pistons, rings and cylinders are all O. K. Why can't I get a decent compression? If the spark is set that both the low and high speed bands are fr when the emergency brake is in a ca in position. in position.

Can for wilnder sutomobiles make more spee than six-cylinder? As a rule he four-cylinder car is

YOUR SICK CHILD IS CONSTIPATED

If cross, feverish or bilious give "California Syrup of Figs."

No matter what ails your child, a e the first treatment given.

H.your little one is out-of-sorts, half-

lifyour little one is out-of-sorts, half-gick, ian't resting, eating and acting naturally—look, Mother! see if tongue is conted. This is a sure sign that its order atomach, liver and bowels are clogged with waste. When cross, irri-table, feverish, stomach sour, breath bad or has atomach-ache, diarrhoes, sore oat, full of cold, give a teaspoonful "California Syrup of Figs." and in a few hours, all the constipated poison, undigested food and sour bile gently moves out of its little bowels without griping, and you have a well, playful

Mothers can rest easy after giving Mothers can rest this harmless "fruit laxative," because it never fails to cleanse the little one's to Poughkeepsie, N. Y.?

ALFRED THOMPSON. liver and bowels and sweeten the stom-ach, and they dearly love its pleasant taste. Pell directions for babies, chil-

all ages and for grown-ups in each bottle. n each bottle.
are of counterfeit fig syrups. Ask druggist for a 50-cent bottle of alifornia Syrup of Figs;" then see that it is made by the "California Fig Syrup Company."-Advt.

# TAX DODGERS JOIN **POLITICIANS FOR**

Interests that Drain Knickerbooker Treasury Fight to Hold Their Grip.

REALTY CALLS FOR AID

Metropolitan Masses Must Seek Home Rule To Protect Their Welfare.

Tas dodgers on billions are organising powerful opposition to new legislative measures that would make them pay their fair share of public empenditures

pression of the motor is too high the motor will have what is known as a compression knock. If the spark ments to their lorbies in Albany. They are alarmed at the prompt of the compression of the motor will cause a knock. They are alarmed at the prompt of the compression of the pluge are defective the uneven running of the motor will cause a knock. They are siarmed at the prompt of-Carbon is a common offender, causing either an increased compression or fect of recent revelations in The Evening World showing how public 22 rings, will cause a heavy pound.

If there is a ridge in the cylinder the piston or the rings will bit it, thing a metallic knock. A poor fuel mixture will tend to create a pound, the fity wheel is not set securely on the cfankshaft it will work loose on bolts and cause a disagreeable knock.

And finally, if the motor should become overheated from lack of oil or the office of the motor should become overheated from lack of oil or the office of the motor should become overheated from lack of oil or the office of the motor should become overheated from lack of oil or the office of the motor should become overheated from lack of oil or the office of the motor should become overheated from lack of oil or the office of the motor should become overheated from lack of oil or the office of the off the best assed car. This fact is on time a permanent measure for heading off the tax-dodgers will be framed.

Some steering gears are geared either higher or lower than others. It is usual for a person to turn a corner in a manner most convenient to him, his actions of course de-

TO WATCH TAX-DODGERS' LOB-BY AT ALBANY.

Representatives of realty interests will send able lawyers to Albany next week to watch the workings of the tax-dodgers' lobby. They intend to protect Greater City real estate as far as possible, but they admit that they are not hopeful of making much are not noperal of making much headway against the political cohorts lined up against them. They have learned that although the Greater City has the majority of the State's population and wealth, the up-state leaders are able always to marshal the majority of votes. The city has been a rich source of revenue for up-staters and they do not intend to release their grip on its purse-strings. In addition to dodging taxes on \$2,000,000,000 of realty, as has been exposed in The Evening World, the up-state politicians have further fattened their home sections at the expense of the city by such operations as an expenditure of nearly \$75,000,000 on highways during the past few years, the city being forced to pay its 70 per cent. share although none of the money has been spent within Greater New York, which pays for its own roads out of its own budget. Saloons in the Greater City pay an annual license tax aggregating nearly \$12,000,000 half of which is taken by headway against the political cohorts registered in father's name?

JACOB INDEMUS.

I do not advise using the magneto for lighting. This usually takes away considerable current which should go for ignition and tends to make the motor start harder. Tap in from the main lead on the case. Would advise the installation of a separate generator for lightning and starting. A person may drive without a license if he is a member of the family or a friend who is accompanied by the owner. annual license tax aggregating nearly \$12,000,000, half of which is taken by

Annual fees collected under the In-

divided in similar manner, the State taking half.

And the up-State towns through which the new \$165,000,000 Catskill which the new \$15,000,000 Catskill aqueduct runs to supply the Greater City with water have promptly raised their assessments on the city's holdings to average more than double the figures under the old ownerships.

when the spark is advanced the engine speed up on advancing spark?

E. G.

When the spark is advanced the engine should show it in the slightly increased speed of the motor. I believe that your hill climbing troubles are due to the fact that you are not getting the proper advance. If the advance is as it should be try setting the sxhaust valves ahead one tooth on the timing gear. Also look to see that there is a proper clearance between the valve push rods and the valves when warm, thus making sure that the valves seat properly.

Automobils Editor:

Has the Chevrolct Auto Company shop started work at Tarrytown, N. Y., yet? How can one write for a position in that plant?

W. H. DICKERSON.

The Chevrolct Company is building cars at Tarrytown in large quantities. Would advise you to write to the Superintendent of the factory.

What is the best car for the didings to average more than double the figures under the old ownerships, thus adding more than \$40,000,000 to the figures under the old ownerships, thus adding more than \$40,000,000 to the figures under the old ownerships, thus adding more than \$40,000,000 to the figures under the old ownerships, thus adding more than \$40,000,000 to the figures under the old ownerships, thus adding more than \$40,000,000 to their taxable lists for the purpose of mulcting the Greater City reasury, although such properties in other taxable lists for the purpose of mulcting the Greater City population to the supering the division of the greater City as a public works, for the benefit of all the people and exempted from taxation.

ONLY HOPE FOR CITY LIES IN

HOME RULE.

That up-State politicians will give the Greater City afair deal on the issue of taxation without a long and strenuous fight is doubted by real estate leaders. They are trying to arouse all of the Greater City population to the enormity of the up-State grabbing because by oppressing city real estate it mises the cost of living and holds back needed publication the Greater City.

On this basis, realty interests are prep

what is the best car for the money? Would it be advisable for me to take a course of instruction in an auto school? If so, which is best for this purpose? What is a good book of instruction?

THOMAS ARTHUR.

I will write you regarding your

I will write you regarding your first question. As to the auto schools, would say that a course in one would pay you. The Stewart Automobile Academy in this city is one good school. "Self Propelled Vehicles, by Homan, is a good book of instruction. Automobile Editor:

What would be the best spark plug to use on a model 10 Buick with a Remy coil and magneto and Schebler carbureter, two point or one?

ELMER J. WATTERSON.

Remy coil and magneto and Schepler carbureter, two point or one?

ELMER J. WATTERSON.

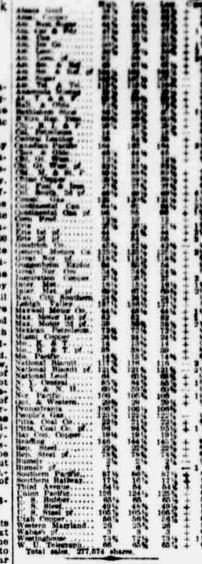
Would suggest a Red Head. Bosch.
Scotless, Rajah, All-in-one or A-C.
There are many good plugs on the market, but either one of these will run a car in New York license, can I market, but either one of these will run a car in New Jersey on it?

G. F. M.

What is the best road to Suffeld, At present I am driving a PierceArrow two-tone truck, which just
came out of the shop. I find I am
troubled with too much smoking in
starting and changing speeds. This

# WALL STREET

or a fruitab movement to leterior rugh Met. teamer and the Erre stucke flore fained was active and weak in first hour. Public Extity serves were strongest features B. S. T. Con Gos. Peoples' Gas and Motor stucks all made gains. There was substan tion therease of strength in second. hour and the rise seemed to be so tirely spenianeous firts and the traction incuse led the advance to new hikh isvels for them issues and the general list closed at the high for the day very active and bolding the



ITEMS FOR INVESTORS. The Bethiehem Steel Company's an-nual meeting will be held in Newark, N. J., April 6 to elect four directors and transact other business.

Special meeting of New Haven stockholders April 24 to cancel 223,-291 shares of stock held in treasury and to accept charter amendments in line with recently enacted legislation. New Haven road's Pebruary gross earnings increased \$23,186; not after tax increased \$28,590; eight months gross declined \$2,656,697; net in-creased \$1,192,583.

U. S. Rubber Company—Quarterly dividends of 1½ per cent. on common stock. 2 per cent. on first preferred and 1½ per cent. on second preferred stocks are payable April 30 to stocks of record April 15.

WHEAT AND CORN CHICAGO WHEAT 125 MAY 182 1845 1815 1855 1 15

18. 18: 18 184 171 18. Wheat opened quiet and steady. There were rumors of export business at the Northwest. May gained 1 1-2 cents in early part of second hour; closed strong.
Corn prices cased off at opening
Buying at the decline was by some
of the large shorts. Closed unchanged.

SHOT BABY LIKE ROCKET.

Hurled Pifty Feet In Auto Smash

but Alone Escaped Unhart. WASHINGTON, N. J., April 8.-The infant son of Mrs. Guy Scott was the What is the best and shortest route Poughkeepsie, N. Y.?

Leave New York by Broadway to onkers. Hastings, Dobbs Ferry.

A Ford will generally run about twenty miles to one gallon of gasoline. You are sllowed ten consecutive days to tour in New Jersey using the license of another State.

Automobile Editor:

A Ford will generally run about twenty miles to one gallon of gasoline. You are sllowed ten consecutive was the only member of a party of six to escape injury when an automobile in which they were riding on the Washington-Hampton roud, near Cowell's Corner, ran into an embankment and over

turned.

## WIDOWS' PENSIONS MAY BECOME LAW Stock regest activity was confined

sovernor Known to Be Sympathy, but Hints at Amendment Later

CHARITY TRUST FIGHTS

But the Whitman Signature Will Probably Be Affixed in a Few Days.

By Hophie Irene Lock.

ALMANY, April &-Hundreds of ograms and letters from all over the State have been pouring into the Governor to sign the Mothers' Pension Mill, while members of the Charity Trust are opposing it.

The Governor is in thorough sympathy with the principle of mothers' pensions and will no doubt sign the due to his consideration of a clause in the bill which provides that the Child Welfare Board shall not give relief to any mother unless she be mentally, morally and physically" fit

The Governor believes that it would be better to have these four words stricken from the bill, since he fears that it might put a hardship on mother applicants to prove such strict

The Governor, however, is inclined to sign the bill as it is, and perhaps suggest that an amendment be afterward added to the bill which would eliminate this particular part of the

The Governor, bowever, is inclined to sign the bill set it is, and perhaps suggest that an amendment be afterward added to the bill which would eliminate this particular part of the measure.

It was pointed out to the Governor to-day by advocates of the bill that the qualifying words are used in the bills of various other States and are merely precautionary, since the majority members of the Child Welfare Board and the course for her family.

It was also made plain that the factor decide whether the mother is fitted to care for her family.

It was also made plain that the factor decide whether the mother is fitted to care for her family.

It was also made plain that the clause was necessary to withstand the corrections of private cliarity as to the possibility of promiscuous pensions regardless of the applicants requirements.

AMENDMENT.

In the words of Senator Hill, who fathered the bill:

"A widowed mother must be deemed by the local Board of Child Welfare to be a 'proper person mentally, morally and physically to care for and bring up her children' before she can receive relief through such Board, but this must not be regarded as giving such Board authority to determine such questions expected upon competent testimony, such as might be made use of by any one given discretionary authority in a matter of this nature.

"For example, it would probably to a fall." Cours and the count of the sature of the sature.

"For example, it would probably to care for early the sature of such as might be made use of by any one given discretionary authority in a matter of this nature.

"For example, it would probably require testimony from an alienist to determine that a widowed mother was mentally incompetent. A record in court or even her own statements, might show that she was not morally fixed to bring up her oblides." fitted to bring up her children. The testimony of a physician would prob-ably be necessary to show that the was physically incompetent, through e contagious disease or otherwise to bring up her children safely and properly. It is just such evidence that the great private charities in

New York City rely upon in making decisions as to the granting or the withholding of relief.

"There is absolutely nothing in the bill which requires a statethe bill which requires a statement as to the exact reasons for withholding relief. But in order to avoid the waste of public moneys, about which we have heard so much, it is important to determine that widowed mothers are in every way fit to bring up their own children.

"That is the whole reason and purpose of the law, and unless the distribution of the moneys to carefully eafeguarded, as proposed, there might be just ground for complaint that the moneys appropriated were not being used to good purpose, and if so, there would be room for much criticism.

NEW YORK COTTON MARKET.

Cotton opened firm, with prices up by to 10 points. With New Orleans and Liverpool exchanges closed, business and market held well up to the close.

Open. High. Low. Last. Open. Hig

atructive, rather than obstructive, depressing and destructive.

"Mothers and their children will not be subject to the thoughtless taunts of pauperiam under the application of this law as much as if they were assisted under the poor laws or the children brought up in institutional homes, away from their own mother's tender and loving care."

Various legislature interested in the bill who have talked with the Governor state that the Governor's objection will be overcome and that he will sign the measure early in the

he will sign the measure early in the was torn from his mother's arms and thrown fifty feet and over a fence. He ianded in a field, right side up, and began at once to yell lustily fat his mother.

Accompanied by a delegation of boys, son of widowed mothers, Judge Aaron J. Levy of New York came here last hight to plead with the Governments. Accompanied by a delegation of where they talked with the Governor for nearly two hours.

# & E. PHILLIPS

STRUCKER OF PRESIDENCE CHAPTER

Concernde 1816 to 18th F Want !

house," French reported,

"out Grayeon Avenue way.

Now, Mr. Quest, I don't

want to come the official

CHAPTER XV.

over you too much, but if you'll kind

ly remember that you're an escaped

livery, with his head still bandaged

went out to find Macdougal, and suc-

ceeded, as you know. Just as I was

"There's an elderly guy out here."

Quest leaned forward and saw the

appearance. His coat was ill-brushed and in place of a hat he was wearing

he wrung his hand, "my heartiest

Stewart Auto School

Quest motioned him to come in

morning, French," Quest said.

OUND her in

removed the lid. Inside was a sheet of paper, which he quickly unfolded. They all three read the few lines to getter.

Pitted oppings the inherited cunning of the ages, you have no chance. I will take compagnion upon you. Look in the right-hand drawer of your dock. Undermath appeared the algusture of the "Hands." Quest moved like a dream to his cathinet and pulled open the right-hand drawer. He turned around said faced the other two men. In his hand was Mrs. Rheinholdt's itseklace!

(To Be Continued.)

#### FIGHT WILL OF MAID, 65 roung man entered in chauffeur's

"Fil just repeat my story of that Nieces of Model Servant Charge She T. Langtorne, recalled." Was Unduly Influenced by Her Mistress.

starting for home those two thugs set upon me. You know how I made my escape. They went off in my auto-mobile and sold it in liethel. I ar-rested them there myself this mornover the estate of Barbara Spannagel who, when she died last November at the age of eighty-four, had the second

talk. Look after her, Laura," he added, glancing a little anxiously at Lenora. "She has had about as much as she can bear, I think."

The two girls left the room. Quest stood upon the threshold watching the sheriff and his prisoners leave the house. The former turned sound to wave his adicus. INDIANAPOLIS, April 3.-Ed Hol ler and Jack Nugent, day and night Chiefs of Police of Terre Haute, were pointed out again to-day as the heads of the big conspiracy in that city to steal the November election.

A. O. Stanley, attorney for Mayor Donn M. Roberts and twenty-one other of the defendants, declared his professor.

The professor promptly made his clients had no part in the conspiracy. Stanley was scheduled to close his argument at 3 P. M. to-day. District His expression was almost Attorney Dailey will speak for two bours to-day and all of Monday if his he wrung his hand, "my heartiest congratulations! As you know, I always believed your innocence. I am delighted that it has been proved." "Come in and sid down, Mr. Ashleigh," Quest invited. "You know the inspector."

The professor shook hands with French, and then, feeling that his appearance required some explanation, he took off his cap and looked at it ruefully. "I am aware," he said, "that this is not a becoming headgear, but I am ably will get the case Tuesday

#### PEABODY NOT ARRESTED.

On Contray, Police Captain Was 'On the Job' and Gave Good Advice. The Evening World of March 29, in reporting an alleged holdup at the Odeor

## Having operated this make of car

for the past five years, Mr. Robertson knows from practical experience what the Hudson will do, and has done for him. He also can tell you some interesting facts HERE IS A REAL George H. Robertson, America's foremest about what we do to keep every "Automobile owners, prospective owners and men wishing to become chauffeurs should not fail to take a course in your kerbook." car in perfect running order after OPPORTUNITY

New York.

Had Been Sent by War Department as Its Official Observers.

LIKE LANGHORNE CASE

Mission Completed," Is the Explanation of Secretary Garrison in Washington.

SERLEN (via London), April &have been attached to the German military forces in the capacity of beervers were ordered by cable to day to return to the United States at once. The order came as a surpris until the end of the war.

Lieut. Col. Joseph E. Kuhn of the Engineers, who also has been acting as an observer, was not included in the order, as he has been designated as Military Attache at the Emberry at Berlin to succeed Major Goo

The United States officers sines their arrival in Germany on Dec. 20 have spent two weeks on the western front and one week in the capt. fected by the order are Major Clarence C. Williams of the Ordnesse Department, Major Dwight E. Aultman of the Field Artillery, Capt. Samuel D. Rockenbach of the Cavairy, Capt. Wilson B. Burts of the Infantry and Capt. Samuel G. Shartie the Coast Artillery

WASHINGTON, April 1 .- Secre tary Garrison said he had ordered the return of the United States arms officers from Germany because their mission was completed. He said no other officers would be detailed with the German army.

the five officers was in no manner connected with the resent relief of Major George T. Langhorne as Mili-tary Attache at Herlin. Major Langtary Attache at Berlin. Major Langhorne was ordered to return to the United States after it was learned that measures bearing his signature had been sent to the Army War Cellege here without his movining.

Mr. Garrison and army officers, without exception, maintained a strict pilence as to Major Langharpe's withdrawal ensemt to say that it was upon the initiative of the War Department.

No orders have been issued recalling American army efficers action as observers with other beliggered armies in Europe.

WILLIAMSPORT, Pa., April &-William B. Wilson jr., son of the Sec retary of Labor, was operated sa hope to-day for appendicitie. He came here to make an investigation for the De-partment of Commerce and was stricken suddenly.

AUTOMOBILES.

### Maxwell Supremacy HERE ARE REAL

REASONS FOR IT Speed, power, staunch con struction, low up-keep, beauty of design, plenty of room, comfort, complete equipment. The "Maxwell" laughe at

hills, -stands every test, -and no other car made is easier to It gives you big-car stand-

rds at a price you can afford.

Electric Starter & Lights

\$55 extra Let us demonstrate NOW -then judge for yourself.



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Nebool."

Day and Evening Classes: also private instruction at hours to suit convenience.

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of America. WEST STIR STREET (at Broadway). Local Dealers in All Suburbs Lecomobile Building, elst St., nott to Broadway